

Notice of Allowability

Application No.

09/851,738

Examiner

Samuel W Liu

Applicant(s)

COOLIDGE ET AL.

Art Unit

1653

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1-18-05 and 12-1-04.
2. ☒ The allowed claim(s) is/are 14-22 and 24-42.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 2-8-05.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

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DETAILED ACTION

This Office action is in response to applicants' amendment filed 18 January 2005, which amends claims 22, 29-33 and 36-37. The stated amendment has been entered. Note that claims 1-13 and 23 were canceled by the applicants' amendment filed 1 December 2004. Thus, the pending claims 14-22 and 24-42 are therefore examined in this Office action.

Note that the terminal disclaimer filed on 1 December 2004 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of US Pat No. 6284725 has been reviewed and is accepted.

EXAMINER'S AMENDMENT

An Examiner's Amendment to the record appears below. Should the change and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than payment of the Issue Fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Mi K. Kim on February 8, 2005. Applicants agree the Examiner proposed amendment to claims 14, 24, 31 and 35 (see below).

Amendment to the specification:

In page 1, lines 6-7, change "This application is a continuation-in-part of provisional application 60/103,498 filed October 8, 1998" to "This application is a divisional application of U.S. patent application No. 09/302,596 filed 30 April 1999 (now U.S. Pat. No. 6,284,725), which claims benefit of provisional application No. 60/103,498 filed 8 October 1998".

Amendments to the claims:

The pending claims 14, 24, 31 and 35 have been amended as follows. Please replace the previous claims with the claims shown below.

Claim 14 (*Amended*): after "ischemia-reperfusion event", change "and the decrease in function is characterized by reversible or irreversible cell damage or cell death" to "sufficient to cause cell death, or reversible or irreversible cell damage in said tissue".

Claim 24 (*Amended*): after "ischemia-reperfusion event", change "and the decrease in function is characterized by reversible or irreversible cell damage or cell death" to "sufficient to cause cell death, or reversible or irreversible cell damage in said tissue".

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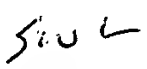
Claim 31 (*Twice amended*): change "the ischemic event" to "the ischemia-reperfusion event".

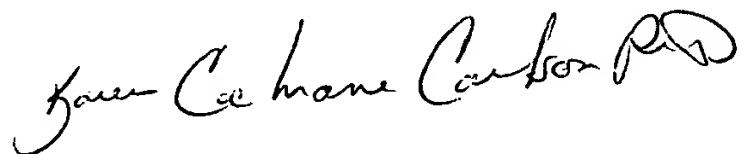
Claim 35 (*Amended*): after "or ameliorating" delete "organ".

Conclusion: Claims 14-22 and 24-42 are allowable over the art of record.

Any comments considered necessary by applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Samuel Wei Liu, Ph.D. whose telephone number is (571) 272-0949. The Examiner can normally be reached daily except alternate Fridays from 8:30 A.M. to 5:30 P.M. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Jon Weber, can be reached at (571) 272-0925. The official fax number for Technology Center 1600 is (703) 308-4242. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 1600 receptionist whose telephone number is (703) 308-0196.


Samuel W. Liu, Ph.D.
Art Unit 1653, Examiner
February 9, 2005



KAREN COCHRANE CARLSON, PH.D.
PRIMARY EXAMINER